

REMARKS

Applicants request reconsideration and further examination of this application.

Applicants have amended the Claims in response to the Office Action. Claims 2, 3, 7, 8, and 9 have been cancelled. Claim 1 has been amended, and the features of Original Claims 7, 8, and 9 have been incorporated into it.

Respectfully, Applicants believe the Amended Claims are allowable for the following reasons:

1. None of the cited references disclose different alarm mode timing for different voltage thresholds; and,
2. None of the cited references disclose back-up alarm circuit alarm mode precedence over the voltage sensing and comparing circuit.

These features are crucial for Applicants' invention because, for example, bucket lift operators, who are typically working out of the vehicle's cab, are audibly warned of potential danger due to a loss of power to their lifting equipment (page 3, lines 14-19). Also, the urgency of the audible alarm increases when the voltage dangerously decreases (see Figure 4).

Sage, USP #6,008,546, on the other hand, discloses only a battery charge level display (column 4, line 66 – column 5, line 3), and a voltage low level emergency shutdown and stop (column 7, lines 18-40). Therefore, Sage does not disclose "tone generation output in response to inputs from the...voltage sensing and comparing circuit" as claimed by Applicants. Besides, Sage is non-analogous art in the sense that Applicants' audible low voltage alarm is intended for bucket lift operators who are typically out of the vehicle's cab. In Sage, on the other hand, the invention is for mobility impaired individuals, who will only be present on the subject electric shopping cart, and not off it. This is why no audible alarm is required for the Sage invention.

Furthermore, none of the Viana et al., USP #6,873,250, Aaron et al., USP #6,864,782, and Caine, USP #4,600,913 cited references disclose anything about an audible warning for a low voltage condition wherein the alarm mode timing is different for different voltage thresholds,

and wherein the back-up alarm circuit was has precedence over the voltage sensing and comparing circuit.

Viana et al. discloses a special transmit signal for a back-up aid system, and has no disclosure whatsoever regarding low voltage condition that Applicants can find.

Aaron et al. discloses intricate relationships between voltage sensing and indicators regarding the presence of a towed trailer which disables a back-up aid system for a vehicle. However, this reference does not disclose different alarm timing for different voltage thresholds. Also, it does not disclose back-up alarm precedence over voltage sensing.

Caine discloses a proximity detector on a leading vehicle and a warning light directed at a following vehicle. Applicants can find no disclosure in this reference either regarding low voltage condition.

Therefore, no combination of the cited references makes Applicants' claims obvious.

Applicants now believe the application is in condition for allowance and respectfully request the same.

Respectfully submitted,



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